

## Glass Cockpit Systems

### What's Up!? Know. Learn. Fly

April 23, 2026

- Resources
  - Inertial Navigation Primer (from VectorNav)
    - <https://www.vectornav.com/resources/inertial-navigation-primer/theory-of-operation/theory-inertial>
  - Pilot's Handbook of Aeronautical Knowledge (Chapter 8 Flight Instruments)
    - [https://www.faa.gov/sites/faa.gov/files/10\\_phak\\_ch8.pdf](https://www.faa.gov/sites/faa.gov/files/10_phak_ch8.pdf)
  - Technique: Glass class - Flying behind an electronic flight display
    - <https://www.aopa.org/news-and-media/all-news/2021/march/flight-training-magazine/technique-glass-class>
  - Avionics Systems Issues
    - <https://ifr-magazine.com/avionics/avionics-systems-issues/>
  - Instrument Flying Handbook (See Chapter 6 Section II)
    - [https://www.faa.gov/sites/faa.gov/files/regulations\\_policies/handbooks\\_manuals/aviation/FAA-H-8083-15B.pdf](https://www.faa.gov/sites/faa.gov/files/regulations_policies/handbooks_manuals/aviation/FAA-H-8083-15B.pdf)
  - Garmin G1000 Pilot's Guide
    - [https://static.garmin.com/pumac/190-00498-08\\_0A\\_Web.pdf](https://static.garmin.com/pumac/190-00498-08_0A_Web.pdf)
  - Training and Safety Tip: Scan the glass
    - <https://www.aopa.org/news-and-media/all-news/2025/june/03/training-and-safety-tip-scan-the-glass>
  - IFR Technique: Glass-panel precision
    - <https://www.aopa.org/news-and-media/all-news/2021/october/pilot/ifr-technique-glass-panel-precision>
  - Technically Advanced Airplanes: What they are and how they can help you become a commercial pilot
    - <https://www.aopa.org/training-and-safety/active-pilots/safety-and-technique/operations/technically-advanced-airplanes>
  - Glass Cockpit Training Course(s) and Books
    - Transitioning to Other Airplanes: Air Safety Institute
      - <https://www.aopa.org/training-and-safety/online-learning/online-courses/transitioning-to-other-airplanes>
    - Garmin G1000 Made Easy - Pilot Institute
      - <https://pilotinstitute.com/course/garmin-g1000-made-easy/>
    - Sporty's Garmin e-Learning Courses (scroll to bottom)

- <https://courses.sportys.com/training/portal/home/learn>
- King Schools Avionics Courses (see Avionics section)
  - <https://kingschools.com/all-courses>
- Max Trescott G1000
  - <https://www.pilotlearning.com/>
  - <https://www.g1000book.com/flight-training-with-max-trescott.html>